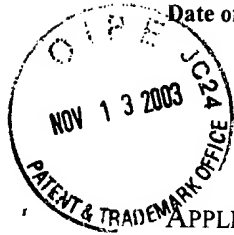


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Attorney Docket No. 19721-007 CPA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Murdin et al  
SERIAL NUMBER: 09/428,122 EXAMINER: S. Devi  
FILING DATE: October 27, 1999 ART UNIT: 1645  
FOR: Chlamydia Antigens and Corresponding DNA Fragments and Uses Thereof

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the above-referenced patent application are the following documents:

1. Amendment and Response to August 20, 2003 Office Action (9 pgs.); and
2. Return Postcard.

The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Attorney Reference No. 19721-007 (AV-7). Should any questions or issues arise concerning this application, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ivor R. Elrifi".

November 13, 2003

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Murdin *et al.*  
APPLICATION NUMBER: 09/428,122 EXAMINER: Sarvamangala Devi  
FILING DATE: October 27, 1999 ART UNIT: 1645  
FOR: *CHLAMYDIA* ANTIGENS AND CORRESPONDING DNA  
FRAGMENTS AND USES THEREOF

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO AUGUST 20, 2003 OFFICE ACTION**

This paper is in response to the August 20, 2003 Office Action. Applicants believe no additional fees are due with this response. The Commissioner is hereby authorized to charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 19721-007 CPA.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** are shown starting on page 6 of this paper.